| Index of Claims | Application No. | Applicant(s) |
|--|-----------------|----------------|
| 1 188 188 184 184 184 184 18 | 09/499,922 | LEDSHAM ET AL. |
| | Examiner | Art Unit |
| 88 80 10 10 15 15 16 | Alpus H. Hsu | 2665 |

| 1 | Rejected | _ | (Through numeral) Cancelled | | Non-Elected | A | Appeal |
|---|----------|---|-----------------------------|---|--------------|---|----------|
| = | Allowed | ÷ | Restricted | ı | Interference | 0 | Objected |

| Cla | aim | Date | | | | | | | | Γ | Cla | aim | Date | | | | | | | CI | aim | Date | | | | | | | | | | | | | |
|--------------|----------|----------|----------|-----------|---|----------|-----------|----------|--|--|--|-----------------|----------|-------------|----------|--------------|----------|----------|------------|----------|----------|----------|----------|----------|----------|------------|----------|-----------------|----------------|----------|----------|-----------------|----------|----------|-----------|
| | 76 | Γ | 116/34 | | | Π | T | | | Γ | Ī | | | | Γ | Γ | Γ | | Г | | | | | | | | | | П | | | | | | |
| Final | Original | ľ | Ž | | | | | | | | | | | Final | Original | | | | | | | | | | ब्र | Original | | ĺ | | ĺ | | | | | |
| 🖆 | ΙË | N | ij | | | ı | | | | | 1 | | | 芷 | jë, | | | l | | | | | | ı | Final | Ĕ | l | | | | | | | | |
| | | | | | | | | | | 1 | | | | | | | | | | | | | | | | ١٠ | 1 | | | | | | | | ĺ |
| | 1 | Ŀ | | | | I | | | | | | | | | 51 | Г | | | | | | | | | | 101 | | Г | | | | | | | |
| | 2 | Ι | l | | | Γ | | | | Ι | | | | | 52 | | | | | | | | | | | 102 | | Г | | | | | | | |
| | 3 | | П | | | Γ | | | | | | | | | 53 | | | | | | | | | | | 103 | | | | | | | | | |
| | 4 | | П | | | | | | | | | | | | 54 | | | Π | | | | | | \neg | | 104 | | | | | | | | | |
| | 5 | L | Ц | | | | | | | | | | | | 55 | | | | | | | | | | | 105 | | | | | | | | | |
| | _6 | L | Ц | | | L | \perp | | | | | | | | 56 | | | L | | | | | | | | 106 | | | | | | | | | |
| | 7 | L | Ц | | | L | | | | _ | 上 | | L | | 57 | L | L | <u>_</u> | | | | | | | | 107 | | | | | | | | | |
| <u></u> | _8_ | L | Ц | | | ┸ | _ | | | | _ | | L | | 58 | | | | | | | | | | | 108 | | | | | | | | | |
| | 9 | Ц | Ц | | | L | \perp | | | | L | | L | | 59 | | L | _ | | | | | \perp | | | 109 | | | | | | | | | |
| | 10 | Ц | Ц | | | | \perp | | | _ | \perp | L | L | | 60 | | L | | | | | | | | | 110 | L | | | | | | | | |
| <u></u> | 11 | Ц | 4 | | | ╄ | 4 | | <u> </u> | 1 | <u> </u> | Ш | | | 61 | $oxed{\Box}$ | _ | | <u> </u> | | |] | | _] | | 111 | L | | | | | | | | |
| <u></u> | 12 | Ц | _ | | | ╀ | 4 | _ | _ | 1_ | _ | Ш | L | | 62 | _ | <u> </u> | _ | | Ш | _ | | ļ | _ | | 112 | | | _ | <u> </u> | | | | | |
| <u></u> | 13 | Ц | 4 | _ | | ╀ | 4 | | <u> </u> | <u> </u> | 1_ | Ш | L | | 63 | _ | L_ | <u> </u> | <u> </u> | Ш | | | \perp | _ | | 113 | | | <u> </u> | | | | | | |
| <u></u> | 14 | Ц | \sqcup | _ | | \perp | 4 | | oxdot | \vdash | 1_ | Щ | L | | 64 | oxdot | | L | | Ш | [| [| _[| | | 114 | _ | oxdot | | | | | | | |
| L | 15 | Ц | \perp | _ | | ╀ | 4 | | _ | <u></u> | ــــــــــــــــــــــــــــــــــــــ | Ш | L | | 65 | <u> </u> | | \vdash | lacksquare | Ш | | _ | \dashv | _ | | 115 | _ | Ш | 匚 | L | <u> </u> | | | | |
| | 16 | Ц | 4 | | | ╀ | 1 | | ļ | <u> </u> | ╄ | Ш | Ļ | | 66 | <u>L</u> | <u>L</u> | L. | L. | Ш | | | | _ | L | 116 | _ | \Box | _ | | | | \Box | | |
| | 17 | Ц | 4 | | | ↓. | _ | | | _ | ļ | | L | | 67 | <u> </u> | <u> </u> | | | \Box | _ | _ | _ | _ | L | 117 | _ | | | | | | | | |
| | 18 | Ц | 4 | _ | | ↓_ | 4 | | _ | <u> </u> | <u> </u> | Ш | L | | 68 | L | L_ | | _ | | _ | | 4 | _ | | 118 | L | | | | | Щ | | | |
| | 19 | Ц | 4 | | | ╀ | 4 | | | ļ., | _ | Щ | L | | 69 | L | _ | | | | | | _ | _ | ļ | 119 | L | | | | L | | | | |
| <u> </u> | 20 | Ц | 4 | | | ╀ | 4 | | <u> </u> | ļ | | Ш | L | | 70 | L | L | <u> </u> | _ | | | | | | | 120 | | | | | | Щ | | | |
| L | 21 | 2 | = | _ | | ╀ | 4 | | L | _ | <u> </u> | Щ | L | | 71 | | | <u> </u> | | | | _ | | | | 121 | | Ш | L | | | | \Box | | |
| <u> </u> | 22 | Ļ | 4 | _ | _ | Ļ | 4 | | <u> </u> | L | <u> </u> | Щ | Ļ | | 72 | L | | <u> </u> | oxdot | | _ | _ | _ | _ | ļ | 122 | _ | | L | | | | | | |
| | 23 | L | 4 | | _ | ╀ | 4 | | _ | _ | \vdash | Ш | | | 73 | | | | _ | | _ | | _ | _ | | 123 | <u> </u> | Ш | L | | | | | | |
| | 24 | L | 4 | _ | | ╀ | 4 | | _ | | ╄ | \sqcup | - | | 74 | | | <u> </u> | Щ | | _ | | _ | _ | <u> </u> | 124 | _ | Ш | | | | Щ | | | |
| | 25 | Ł | + | _ | | ╄ | 4 | | <u> </u> | - | ┼ | \vdash | | | 75 | <u> </u> | | <u> </u> | | | _ | _ | | 4 | <u> </u> | 125 | | Ш | | | | Ш | _ | | |
| | 26 27 | Ļ | + | \dashv | _ | ╀ | + | _ | _ | ├ | ┼ | Н | F | | 76 | | | L. | \vdash | \dashv | | _ | - | _ | <u> </u> | 126 | | | | | | | _ | | ш |
| - | 28 | ┝ | + | \dashv | | ╄ | + | _ | ⊢ | ╀ | ╀ | Н | H | | 77 | <u> </u> | | <u> </u> | \vdash | | \dashv | - | - | _ | <u> </u> | 127 | | | | | | | | | \square |
| ļi | 29 | ┞ | + | - | _ | - | + | | ┝ | ├- | ⊢ | \vdash | ╌ | | 78 | | | | Н | | \dashv | - | | _ | ļ | 128 | | - | _ | _ | | | | | _ |
| <u> </u> | 30 | ┞ | + | \dashv | _ | ╀ | + | | _ | ├- | ╁ | H | ŀ | | 79 80 | | | | | _ | | | - | | | 129 | | Ш | _ | _ | | - | _ | | _ |
| | 31 | ┝ | + | - | | ╀ | + | _ | - | ├ | ┿┈ | Н | - | | | | | | Н | | - | | \dashv | | | 130 | | Н | | _ | | \perp | - | | |
| | 32 | H | ╬ | \dashv | | ╁ | + | \dashv | - | ├ | ╁ | ⊦⊣ | H | | 81 | - | | | Н | | \dashv | | - | | - | 131 | | Н | _ | | | | | _ | |
| | 33 | ┝ | + | - | | ╁ | + | | - | ├─ | ╁ | Н | ŀ | | 82 83 | <u> </u> | Н | - | Н | \dashv | - | \dashv | | - | <u> </u> | 132 | <u> </u> | - | H | | | \vdash | - | | |
| | 34 | \vdash | + | \dashv | - | ╁ | + | \dashv | ┝ | | \vdash | \vdash | - | | 84 | \vdash | | | H | - | | -+ | - | \dashv | | 133 | \vdash | Н | - | \vdash | | $\vdash \vdash$ | | \dashv | \dashv |
| \vdash | 35 | \vdash | + | \dashv | | ╁ | + | - | - | - | \vdash | \vdash | - | | 85 | ├ | \dashv | | | \vdash | \dashv | + | | \dashv | - | 134 135 | | Н | Н | | | $\vdash \vdash$ | - | \dashv | _ |
| | 36 | \vdash | + | \dashv | | + | + | \dashv | | \vdash | +- | \vdash | H | - | 86 | \vdash | | _ | Н | - | \dashv | \dashv | - | \dashv | | 136 | H | $\vdash \dashv$ | \vdash | \vdash | | | | \dashv | _ |
| | 37 | H | + | ᅱ | | \vdash | + | ᅱ | | \vdash | | \vdash | H | - | 87 | \vdash | | - | H | | \dashv | \dashv | \dashv | \dashv | | 137 | H | \vdash | Н | | | - | \dashv | \dashv | |
| - | 38 | \vdash | + | \dashv | | ╁╴ | + | - | | | ┢╾ | \vdash | \vdash | - | 88 | | | | \vdash | \dashv | + | \dashv | \dashv | \dashv | - | 138 | \vdash | ┝╼┤ | Н | | | | | \dashv | |
| \vdash | 39 | Н | + | ┪ | | H | + | - | | | | $\vdash \vdash$ | - | | 89 | - | \vdash | | | \dashv | \dashv | \dashv | \dashv | \dashv | - | 139 | \vdash | Н | $\vdash\vdash$ | \dashv | | \vdash | | | _ |
| | 40 | H | + | \dashv | | t | + | \dashv | | \vdash | + | Н | | | 90 | | | | \dashv | | -+ | + | \dashv | \dashv | | 140 | | ├┤ | \vdash | | | | \dashv | - | |
| | 41 | | + | + | - | 1- | + | \dashv | \vdash | <u> </u> | \vdash | H | | - | 91 | - | \vdash | | \vdash | \dashv | \dashv | + | \dashv | \dashv | - | 141 | | Н | \vdash | | | | | | \dashv |
| \vdash | 42 | - | + | ┪ | | t | + | \dashv | - | | ┢ | Н | | | 92 | | \vdash | \vdash | | \dashv | \dashv | \dashv | \dashv | \dashv | - | 142 | \vdash | \vdash | \vdash | \vdash | \dashv | \vdash | | \dashv | \dashv |
| \vdash | 43 | Н | + | \dashv | _ | \vdash | + | \dashv | _ | Η- | \vdash | Н | H | - | 93 | \vdash | | \vdash | \dashv | | -1 | \dashv | \dashv | \dashv | | 143 | | $\vdash \vdash$ | | - | \dashv | \dashv | \dashv | | - |
| | 44 | Т | + | 7 | | t | + | \dashv | | | \vdash | Н | | | 94 | | | | \vdash | | \dashv | \dashv | -+ | \dashv | | 144 | | | \dashv | | | \dashv | -+ | \dashv | - |
| ├──┤ | 45 | Т | + | + | | 1 | + | | | _ | \vdash | H | - | | 95 | \vdash | | | | | \dashv | + | \dashv | \dashv | \vdash | 145 | \vdash | \vdash | \dashv | - | | \dashv | + | \dashv | \dashv |
| | 46 | \vdash | + | \dashv | | t | + | \dashv | - | \vdash | \vdash | Н | | | 96 | \vdash | - | \vdash | | \dashv | \dashv | \dashv | \dashv | \dashv | \vdash | 146 | \vdash | \vdash | - | - | \dashv | \dashv | \dashv | \dashv | |
| | 47 | Η | $^{+}$ | 1 | | 1- | + | _ | | | t | H | | | 97 | \vdash | | - | - | \dashv | \dashv | -+ | \dashv | \dashv | | 147 | \vdash | \vdash | | - | - | \dashv | \dashv | | \dashv |
| | 48 | - | † | \exists | | † | + | \dashv | | \vdash | H | Н | | | 98 | | | \dashv | \dashv | - | \dashv | \dashv | \dashv | \dashv | | 148 | \dashv | \vdash | \dashv | \dashv | | \dashv | \dashv | | \dashv |
| | 49 | Т | † | 7 | | \vdash | \dagger | \dashv | | _ | \vdash | Н | ┢ | | 99 | Н | - | \dashv | | \dashv | \dashv | \dashv | \dashv | \dashv | \vdash | 149 | \vdash | $\vdash \vdash$ | \dashv | ᅱ | \dashv | \dashv | -+ | \dashv | ᅱ |
| | 50 | Г | + | ヿ | | T | 十 | \dashv | | H | 1 | \vdash | 卜 | | 100 | Н | \dashv | \dashv | - | \dashv | \dashv | \dashv | \dashv | \dashv | | 150 | | \vdash | | | \dashv | \dashv | -+ | \dashv | \dashv |
| | ~~ | ٠ | | | | 4_ | | | | Щ. | 1 | لــــا | L | | | \Box | | | | _ | | L | | | | 130 | | ╙ | | | | | | | |